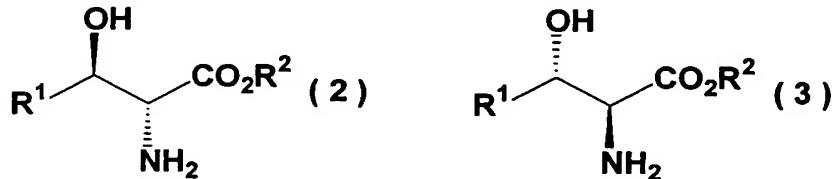
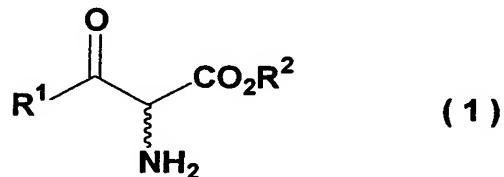


## ABSTRACT

There is provided a process for efficiently producing an anti form of an optically active  $\beta$ -hydroxy- $\alpha$ -aminocarboxylic acid derivative that is useful as an intermediate for pharmaceuticals and agrochemicals. The process for producing optically active  $\beta$ -hydroxy- $\alpha$ -aminocarboxylic acid derivative of formula (2) or (3)



wherein R<sup>1</sup> is substituted or unsubstituted C<sub>1-20</sub> alkyl group, or substituted or unsubstituted C<sub>4-12</sub> aromatic group, R<sup>2</sup> is substituted or unsubstituted C<sub>1-20</sub> alkyl group, or substituted or unsubstituted C<sub>4-12</sub> aromatic group, characterized by comprising subjecting an  $\alpha$ -aminoacyl acetic acid ester compound of formula (1)



wherein R<sup>1</sup> and R<sup>2</sup> have the same meaning as the above, to hydrogenation by catalytic asymmetric hydrogenation in the presence of an acid.